| dex o | |
|-----------|------|
| | |

| Applicati | on | /Con | trol | No. |
|-----------|----|------|------|-----|
|-----------|----|------|------|-----|

10/713,192

Examiner

Mike Qi

Applicant(s)/Patent under Reexamination

LEE, WON-HO

Art Unit

2871

√ Rejected
= Allowed

(Through numeral)
Cancelled

Restricted

N Non-Elected
I Interference

A Appeal
O Objected

| | | | | | | | | , | | | _ |
|-------------|---|--|--------------|--|----------|--------------|--|--------------|---------------|----------|---|
| Cla | aim | Date | | | | | | | | | |
| Final | Original | where | | | | | | | | | |
| | 2 3 4 5 6 | ゞ | | | | | | | | | |
| | 2 | マ | | | | | | | | | |
| | 3 | ¥ | | | | | | | | | |
| | 4 | Y | | | | | | | | | |
| | 5 | V | | _ | | | | _ | | | |
| | 7 | V | | _ | | _ | | | | | |
| | 8 | V | | _ | | _ | - | _ | _ | | |
| | 9 | V | | - | _ | | | _ | _ | | |
| | ñ | V | _ | _ | | - | | _ | | | |
| | 11 12 13 14 | 222222 | | | | | | | | | |
| | 12 | ν V | | | | | | | | | |
| | 13 | ٧ | | | | | | | | | |
| | 14 | \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\ | | | | | | _ | L., | | |
| | 15 | 7 | _ | | | | | <u> </u> | \sqcup | | |
| <u> </u> | 16 | γ .7 | | | _ | | | _ | | _ | |
| | 17 | V | | | | | - | \vdash | | - | |
| | 18 19 | ٧, | | | | - | | \vdash | \vdash | _ | |
| | 20 | Ť | | | | | - | | | | l |
| | 21 | | | | | | | | | | l |
| | 21 22 | | - | | | | | | | | |
| | 23 | | | | | | | | | | |
| | 24 25 | <u> </u> | | | | _ | | | <u> </u> | Ш. | |
| | 25 | <u> </u> | _ | <u> </u> | | | ļ | ļ <u>.</u> | _ | <u> </u> | |
| <u> </u> | 26 27 | ├ | _ | <u> </u> | | ┝ | _ | <u> </u> | - | <u> </u> | l |
| - | 28 | - | - | - | | | _ | | _ | ┝ | |
| \vdash | 29 | ┢╾ | - | \vdash | - | \vdash | \vdash | \vdash | - | \vdash | |
| | 30 | | _ | \vdash | _ | | | | \vdash | ╁ | ١ |
| | 31 | | | _ | | | - | | | _ | |
| | 32 33 | | | | | | | | | | l |
| | 33 | | | | | | | | | |] |
| | 34 | L | _ | L | L | <u> </u> | L | L | <u> </u> | <u> </u> | 1 |
| | 35 | <u> </u> | <u> </u> | <u> </u> | _ | \vdash | <u> </u> | <u> </u> | <u> </u> | <u> </u> | 1 |
| | 36 37 | \vdash | | _ | _ | - | | _ | \vdash | \vdash | 1 |
| <u> </u> | 38 | \vdash | - | \vdash | - | \vdash | \vdash | \vdash | \vdash | \vdash | 1 |
| | 39 | - | - | \vdash | ┝ | \vdash | ├ | <u> </u> | \vdash | \vdash | 1 |
| <u> </u> | 40 | 一 | ┢ | | ┢┈ | | | | | | l |
| — | 41 | Г | \vdash | \vdash | \vdash | | <u> </u> | | | <u> </u> | 1 |
| | 42 | | | | | | | | | | |
| | 43 | | 匚 | | | | | | | | |
| <u> </u> | 44 | $oxedsymbol{oxed}$ | <u> </u> | | L | <u> </u> | $ldsymbol{ld}}}}}}} $ | L | L | _ | 1 |
| | 45 | <u> </u> | _ | <u> </u> | <u> </u> | <u> </u> | <u> </u> | | <u> </u> | <u> </u> | |
| | 46 | ├- | _ | \vdash | <u> </u> | <u> </u> | - | - | ⊢ | ⊢ | 1 |
| <u> </u> | 47 48 | ├ | ├- | | - | | - | \vdash | | - | 1 |
| - | 49 | \vdash | - | ├ | - | ┝ | | - | - | - | 1 |
| | 50 | ┢╌ | - | - | - | - | | _ | - | \vdash | 1 |
| | , ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | 1 | | | | L.— | | | | | 4 |

| Cla | Claim | | | Date | | | | | | | | | |
|--------------|----------------|----------|--|--------------|----------------|----------|----------|----------|--|--------------|--|--|--|
| Final | Original | | | | | | | | | | | | |
| | 51 | | | _ | | Н | | | | | | | |
| - | 52 | _ | \vdash | - | - | H | | | _ | | | | |
| - | 52 53 | | \vdash | | | | _ | | _ | - | | | |
| - | 54 | | ┢ | | | | | _ | _ | _ | | | |
| \vdash | 55 | _ | \vdash | | | | | | | _ | | | |
| | 56 | \vdash | | - | | · | _ | - | _ | | | | |
| - | 57 | _ | ┝┈ | - | - | | _ | | _ | | | | |
| | 58 | | H | <u> </u> | | \vdash | | | | | | | |
| 1 | 59 | | \vdash | \vdash | | _ | | | | _ | | | |
| | 60 | | \vdash | | Т | _ | | | | | | | |
| | 61 | - | <u> </u> | | | | | | | _ | | | |
| | 62 | | _ | \vdash | | | | | _ | | | | |
| | 63 | Т | | | | | | | | | | | |
| | 63 64 | | | Г | \vdash | | | | | | | | |
| | 65 | | | Г | | | | | | | | | |
| | 66 | | | | | П | | | | | | | |
| | 67 | | | | | | | | | | | | |
| | 68 | | | _ | | | | | | | | | |
| 1 | 69 | | Г | | | | | | | | | | |
| | 70 | | | Γ. | | | | | | | | | |
| | 71 72 73 | | Г | | | | | | | | | | |
| · · · · · | 72 | | | | | | | | | | | | |
| T | 73 | | | | | | | | | | | | |
| | 74 75 | | | | | | | | | | | | |
| | 75 | | | | | | | | | | | | |
| | 76 | | | | | | | | | | | | |
| | 77 | | · | | | | | | | | | | |
| | 78 | | | | | | | | | | | | |
| | 79 | | | | | | | | | | | | |
| | 80 | | | | | | | L | | | | | |
| | 81 | 乚 | L | | | | | <u> </u> | | | | | |
| L. | 82 | | L | <u> </u> | | <u> </u> | L | | | _ | | | |
| | 83 | | | _ | <u></u> | L | | | _ | <u> </u> | | | |
| | 84 | <u>_</u> | _ | L | _ | | | | <u> </u> | | | | |
| | 85 | _ | | ļ | <u> </u> | <u> </u> | _ | | <u> </u> | <u> </u> | | | |
| | 86 | ₩ | ļ | <u> </u> | _ | <u> </u> | <u> </u> | <u> </u> | <u> </u> | | | | |
| - | 87 | | L. | \vdash | — | <u> </u> | <u> </u> | <u> </u> | — | <u> </u> | | | |
| | 88 | <u> </u> | <u> </u> | <u> </u> | | <u> </u> | <u> </u> | - | ⊢ | | | | |
| | 89 | _ | <u> </u> | - | <u> </u> | <u> </u> | _ | <u> </u> | <u> </u> | _ | | | |
| <u> </u> | 90 91 | | - | \vdash | | _ | - | \vdash | — | \vdash | | | |
| - | 97 | \vdash | - | - | ⊢ | - | - | \vdash | \vdash | - | | | |
| | 92 | - | - | \vdash | \vdash | ├- | - | - | | - | | | |
| - | 93 | ├ | - | \vdash | \vdash | ├- | ├- | ⊢ | | - | | | |
| } | 95 | - | - | - | — | \vdash | - | - | | - | | | |
| - | 96 | \vdash | \vdash | | - | \vdash | | <u> </u> | \vdash | - | | | |
| - | 97 | \vdash | \vdash | \vdash | | \vdash | | - | \vdash | - | | | |
| - | 98 | - | - | \vdash | - | \vdash | | ⊢ | \vdash | - | | | |
| | 99 | \vdash | \vdash | \vdash | ┢ | Η- | \vdash | ⊢ | | \vdash | | | |
| | 100 | \vdash | \vdash | \vdash | \vdash | ╁ | ⊢ | \vdash | - | | | | |
| L | 1100 | Щ | ᆫ | | | | | | | ــ. | | | |

| Claim | | Date | | | | | | | | | |
|----------|-------------------|-------------------------------------|--------------|--------------|--|-------------------|--|--------------|--------------|-----------------|--|
| Final | Original | | | | | | | | | | |
| ъ | | | | | | | | | | | |
| | 101 | | | | | | | | | | |
| | 102 103 | | | | | | Ш | | | | |
| | 103 | | | | | | | | | | |
| | 104 | | | | | | | | | | |
| | 105 | | | | | | L | | | | |
| | 106 | | | Щ | | | | <u></u> | | | |
| | 107 | | L | | | | | | | | |
| | 108 109 | | | | | | | | | | |
| | 109 | _ | | <u> </u> | | | Щ | _ | | | |
| | 110 | _ | - | <u> </u> | | | | | | | |
| | 111 | | _ | L | | | _ | | | | |
| | 112 | | <u> </u> | \vdash | <u> </u> | - | - | | <u> </u> | | |
| | 113 | - | \vdash | \vdash | \vdash | - | | - | <u> </u> | | |
| | 113 114 115 | <u> </u> | | \vdash | \vdash | \vdash | | | <u> </u> | - | |
| | 110 | | - | - | \vdash | \vdash | \vdash | H | - | \vdash | |
| | 116 117 | | \vdash | \vdash | \vdash | \vdash | | - | - | \vdash | |
| | 118 | | | | - | | - | _ | _ | \dashv | |
| | 119 | | | ┢ | _ | | - | | | H | |
| | 119 120 | - | | | | _ | | | | | |
| | 121 122 123 | | | | | | | | | | |
| | 122 | | Г | Π | | | | | | | |
| | 123 | | | | | | | | | | |
| | 124 125 126 | | | | | | | | | | |
| | 125 | | | | L | _ | | _ | | | |
| | 126 | | 匚 | _ | | | _ | | | | |
| | 127 128 129 | | | <u> </u> | | | _ | | | ш | |
| | 128 | <u> </u> | _ | \vdash | | L | <u> </u> | _ | <u> </u> | \vdash | |
| | 129 | ┡ | _ | ┝ | | ļ | _ | | <u> </u> | $\vdash\vdash$ | |
| | 130 131 | | - | - | - | - | - | | _ | \vdash | |
| | 132 | \vdash | ├ | \vdash | - | - | | \vdash | \vdash | \vdash | |
| | 133 | \vdash | ├- | H | \vdash | \vdash | \vdash | <u> </u> | | Н | |
| | 134 | ┢ | H | | H | H | | \vdash | | $\vdash \vdash$ | |
| | 135 | | 1 | \vdash | | | \vdash | \vdash | | H | |
| | 136 | T | Т | | | ļ — | | Г | | М | |
| | 137 | T | Π | | | | | Ι. | | | |
| | 138 | | | | | | | | | | |
| | 139 | | | 匚 | | | | | | | |
| | 140 | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | <u>L</u> . | <u>L</u> . | <u> </u> | $ldsymbol{f eta}$ | L | L_ | L_ | Ш | |
| L | 141 | _ | <u> </u> _ | _ | <u> </u> | <u> </u> | _ | \vdash | <u> </u> | Щ | |
| | 142 | ⊢ | ⊢ | <u> </u> | | ⊢ | _ | <u> </u> | | $\vdash \vdash$ | |
| | 143 | \vdash | | - | - | <u> </u> | ⊢ | - | ├ | Н | |
| <u> </u> | 144 145 | ├- | \vdash | \vdash | ⊢ − | ├- | \vdash | ⊢ | | $\vdash \vdash$ | |
| | 146 | \vdash | | \vdash | \vdash | ├ | | \vdash | | Н | |
| | 147 | \vdash | - | \vdash | \vdash | \vdash | - | \vdash | ⊢ | Н | |
| | 148 | \vdash | - | \vdash | \vdash | \vdash | - | Η- | \vdash | Н | |
| | 149 | H | H | \vdash | \vdash | ┢ | \vdash | ┢ | \vdash | Н | |
| — | 150 | | 1 | | \vdash | \vdash | \vdash | 一 | T | H | |
| Щ | | Ь— | | | Щ- | | <u> </u> | Ц | | | |